

# Installation Instructions for mounting SMX1500RM2U and SMX48RMBP2U into AR100.

## Required Additional Hardware:

- 8 Pieces of HEX STANDOFF M6 STEEL 35MM, (WURTH ELECTRONICS, part # 971350611 or equivalent)



## Required Supplied Hardware:

- 8 Pieces each of M6x16 Phillips screw and M6 Cage nut.



## Instructions:

- This procedure requires the use of the square holes and cage nuts on the front mounting rails.
- Reverse the mounting rails if necessary, using the instructions in the Installation manual.
- The front mounting rails should be located in the forward most position, adjust as necessary.
- Install the cage nuts in the front mounting rails (left and right) to match the mounting ears of the UPS and battery pack. Use the following Cage nut “U” positions: 1 Bottom, 2 Top, 3 Bottom, 4 Top, as shown in the figure below. Note, the cage nuts are installed from the rear of the mounting rails.
- Install one HEX standoff into each cage nut, as shown in the figure below.



- Remove the internal battery modules from the UPS and the external battery pack before attempting to mount the chassis into the AR100(HD). Refer to UPS and external battery pack instructions as necessary.
- Be sure the rack mount ears are attached to the UPS and the external battery pack before attempting to mount the chassis into the AR100(HD). Refer to UPS and external battery pack instructions as necessary.
- Install the external battery pack chassis in the bottom most position in the AR100.
- Secure the external battery pack chassis using the M6 Phillips screws.
- Install the UPS on top of the external battery pack.
- Secure the UPS using the M6 Phillips screws.
- The installation should appear as shown in the figure below.
- Attach the cable from the external battery pack to the UPS, as directed in the battery pack / UPS manual.
- Install the internal battery modules in the UPS and the external battery pack chassis, as directed in the battery pack / UPS manual.



- Install remaining user supplied equipment above the UPS.

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